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横断山岩白菜属新分类群*

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NEW TAXA OF THE GENUS *BERGENIA* FROM HENGDUAN MOUNTAINS

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Abstract A new species *Bergenia tianquanensis* J. T. Pan and a new variety *B. emeiensis* C. Y. Wu var. *rubellina* J. T. Pan both from Sichuan, china, are described in this paper.

Key words *Bergenia*; new taxa

关键词 岩白菜属；新分类群

天全岩白菜 新种 图 1

Bergenia tianquanensis J. T. Pan, sp. nov.

Species inter *B. emeiensem* C. Y. Wu et *B. stracheyi* (Hook. f. et Thoms.) Engl. media; sed differt a priore laminis foliorum dentatis necnon serratis, margine pro infima parte ciliatis, petiolis supra ochream pilosis, scapo glanduloso-piloso; a postriore laminis foliorum margine a medio ad superam partem glabris, sepalis margine glabris, nervis sepalorum apice pro maxima parte confluentibus; praeterea ab ambabus sepalis ventre pro supera parte subsessili-glanduloso-pilosis recedit.

Herba perennis, c. 25 cm alta, rhizomate crasso, squamis fuscis obtecto. Folia omnino basalia, laminis coriaceis, obovatis usque late obovatis, 4.9—8.7 cm longis, 4.3—8.8 cm latis, apice obtuso-rotundatis, margine dentatis necnon serratis etiam pro infima parte cilliatis, basi cuneatis, utrinque subsessili-glanduloso-pilosis; petiolis supra ochreas fere 1.5 cm longis, pilosis; ochreis margine ciliatis. Scapus simplex, parce brunneo-glanduloso-pilosus. Cyma 7—11.5 cm longa; pedicelli 9—16 mm longi, cum ramis inflorescentiae pilis glanduliferis obsiti; sepala sub anthesi erecta, coriacea, subligulata, 9—10 mm longa, 4—5.6 mm lata, apice obtusa, ventre pro supera parte et dorso subsessili-glanduloso-pilosa, nervis apice pro maxima parte confluentibus instructa; patala rubella, elliptica, c. 16 mm longa et

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10 mm lata, apice leviter obtusa, basi in unguem fere 3 mm longum angustata, multinervia; stamina c. 12 mm longa, filamentis subulatis; ovarium semiinferum, ovoideum, fere 6 mm longum; stylus 2 c. 1 cm longus.

Sichuan (四川): Tianquan (天全), in crevices of rocks, alt. 3300 m, 1953-05-19, X. L. Jiang et J. H. Xiong (蒋兴麟、熊济华) 34181 (Holotype, PE); The same locality, in crevices of rocks, alt. 2200 m, Sichuan Agr. Coll. (四川农学院) 983 (PE).

多年生草本，高约 25 cm，根状茎粗壮，被暗棕色鳞片。叶基生；叶片革质，倒卵形至宽倒卵形，长 4.9—8.7 cm，宽 4.3—8.8 cm，先端钝圆，边缘具齿牙和锯齿且下部有睫毛，基部楔形，两面被近无柄之腺毛；托叶鞘以上之叶柄长约 1.5 cm，疏生柔毛；托

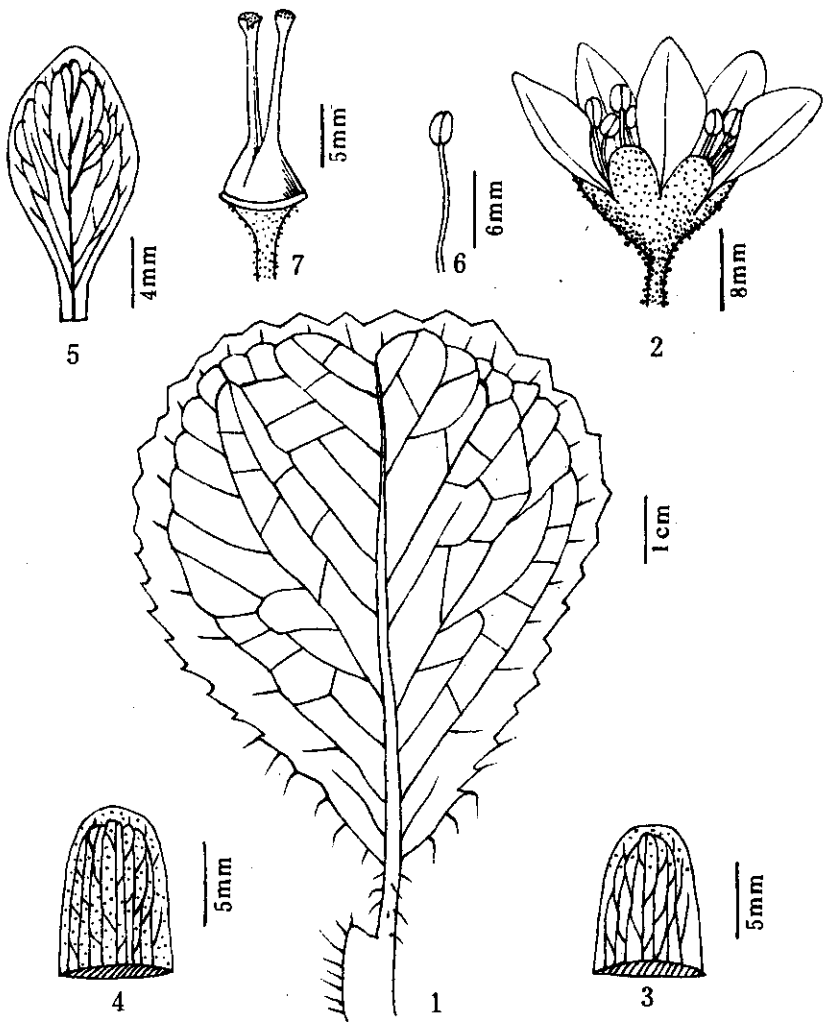

图 1 天全岩白菜 1. 叶；2. 花；3. 萼片腹面；4. 萼片背面；5. 花瓣；6. 雄蕊；7. 花梗、托杯和雌蕊。
Fig. 1 *Bergenia tianquanensis* 1. leaf; 2. flower; 3. sepal (ventral surface); 4. sepal (back); 5. patal; 6. stamen; 7. pedicel, hypanthium and pistil.

叶鞘边缘具睫毛。花葶不分枝，疏生褐色腺柔毛。聚伞花序长 7—11.5 cm；花梗长 9—16 cm，与花序分枝均被腺柔毛；萼片在花期直立，革质，近舌形，长 9—10 cm，宽 4—5.6 cm，先端钝，腹面上部和背面均被近无柄之腺毛，其脉于先端绝大部分汇合；花瓣淡红色，椭圆形，长约 16 mm，宽约 10 mm，先端稍钝，基部狭缩成长约 3 mm 之爪，多脉；雄蕊长约 12 mm，花丝钻形，子房半下位，卵球形，长约 6 mm，花柱 2，长约 1 cm。此种居于 *B. emeiensis* C. Y. Wu 和 *B. stracheyi* (Hook. f. et Thoms.) Engl. 之间；但与前者之不同在于其叶片具齿牙和锯齿，边缘下部具睫毛，托叶鞘以上之叶柄疏生柔毛，花葶被腺柔毛；与后者之区别在于其叶片边缘中部以上无毛，萼片边缘无毛，其脉于先端绝大部分汇合；此外，其萼片腹面上部被近无柄之腺毛，与此两种均不相同。

淡红岩白菜　新变种

Bergenia emeiensis C. Y. Wu var. **rubellina** J. T. Pan, var. nov.

A var. emeiensi differt petalis rubellinis (in illa albis).

Sichuan (四川): Lixian (理县), in crevices of rocks, 1952-05-13. Z. Ho (何铸) 12416 (Holotype, PE); Meigu (美姑), Hongxi (洪溪), on shady slopes, alt. 3500 m, Exp. Econ. Pl. Sich. (四川经济植物采集队) 1618 (PE); Puge (普格), under forests in shady places, alt. 3600 m, Exp. Econ. Pl. Sich. 5479 (PE); Jiulong (九龙), under forests, alt. 4150 m, Ying (应俊生) 3653 (PE); same county, rnder Abies forests, alt. 3900 m, Q. Q. Wang (王清泉) 4492 (PE); Muli (木里), on slopes, alt. 3900 m, Q. L. Zhang (张清龙) 5560 (PE).

此变种与原变种之区别在于其花瓣淡红色（原变种为白色）。